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Title: Matrix solid phase dispersion assisted enzymatic hydrolysis as a novel approach for cocaine and opiates isolation from human hair

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1 Pronase E enzymatic hydrolysis (EH) of hair samples was assisted by matrix solid phase
2 dispersion (MSPD) > An integrated MSPD-EH on column solid phase extraction (SPE)
3 clean-up/pre-concentration procedure was developed. > Cocaine, benzoylecgonine, codeine,
4 morphine, and 6-monoacetylmorphine were simultaneously isolated from hair specimens. >
5 Measurements were performed by gas chromatography – mass spectrometry (GC–MS).

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